

P-155 record.
Evaluation

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CONFIDENTIAL 28 July 1954

MEMORANDUM FOR: THE RECORD**SUBJECT : Project Monitor of Projects P-60B, P-102, P-103, P-109, P-139, and Recorder Evaluation**

1. Time and Place of Meeting: 20-21 July 1954 at [redacted]
[redacted]

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2. Attendances: [redacted]

3. Discussion

a. P-60B: Eight Landing System - Ultra-Violet

1) Work on this project has been suspended until the extension of time and money is received by [redacted]

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2) [redacted] suggested that we investigate work done by John T. "Pop" Shannon for the Navy at Rhine Field on a black light night landing system for aircraft on aircraft carriers.

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3) [redacted] also mentioned that Cottone on Canal Street, N.Y.C. has several uncrated autocollimators still available.

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b. P-102, P-103: Transducer and Actuator Index

1) The punch cards have been received and the entry of catalogue information onto work sheets has been begun.

2) The figure of merit will be based on the information transformation theory and will be a function of the zone of confusion and the frequency response. The weight, size, cost, etc. are not involved in the figure of merit since their relative importance is dependent on the particular application. The attached memo explains this further.

3) Another attached memo explains the decisions concerning the list of "Applications", the figure of merit and the unclassified nature of the subject matter of the index.

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c. P-109: Contact Microphone

1) The Bureau of Standards type piston-phone calibrator is essentially completed. [] believes they have the solution to the problem of sealing the aniline in the fluid mike. The next phase of the work will be testing the fluid mike as well as all the commercial mikes to determine their characteristics. A measurement of the acoustic transmission of typical wall sections will also be made. The microphones can then be modified to provide optimum characteristics for contact use.

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2) A report discussing the above items was received from the contractor.

d. P-139: Chinese Language Decoder

[] has found a cathode ray tube which can present a character from a matrix of characters on the face of the tube. The matrix may contain 80 characters per line. [] will contact RCA to determine the feasibility of making a tube with a matrix of 100 x 100 Chinese characters. Other schemes are being investigated.

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e. Recorder Evaluation

[] will work on this project. There has been no activity on the project because of vacations.

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/ TSS/APD

Distribution:

P-608 - 1
P-102 - 1
P-103 - 1
P-109 - 1
P-139 - 1
✓ Recorder Evaluation - 1
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